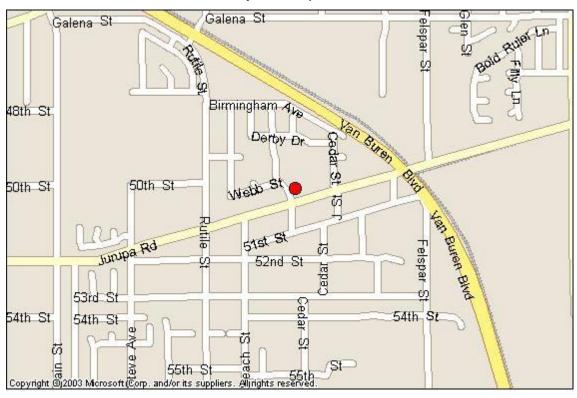
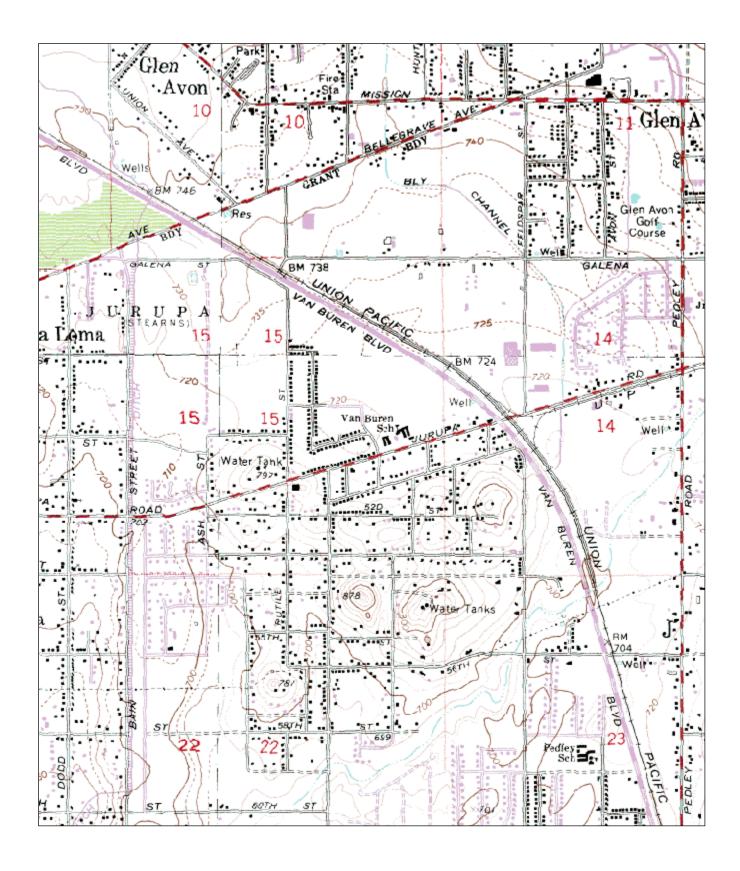
South Coast AQMD Site Survey Report for Mira Loma (Van Buren) Last updated: May 13, 2023



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060658005	33165	11/2005	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5130 Poinsettia Place Riverside, CA 92509	Riverside	South Coast	33.996360	-117.492400	220



Detailed Site Information

Local site name		Mira Lor	Iira Loma (Van Buren)					
AQS ID		060658005						
GPS coordinates (decimal degrees)		Latitude: 33.996360, Longitude: -117.492400						
Street Address			5130 Poinsettia Place, Riverside CA					
County		Riverside						
Distance to roadways (1	meters)	13						
Traffic count (AADT, y	vear)	< 1,000 /	2012					
Groundcover		Gravel						
(e.g. asphalt, dirt, sand)								
Representative statistica		40140-R	iverside, San Bernardino-	Ontario, CA MSA				
(i.e. MSA, CBSA, other	~							
Pollutant, POC	Carbon Mon	oxide, 1	Nitrogen Dioxide, 1	Ozone, 1	PM10, 1			
Primary / QA	N/A		N/A	N/A	Primary			
Collocated / Other								
Parameter code	42101		42602	44201	81102			
Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS			
objective(s)								
Site type(s)	Population E	Exposure	Population Exposure	Population Exposure	Highest			
					Concentration			
Monitor (type)	SLAMS		SLAMS	SLAMS	SLAMS			
Network Affiliation	N/A		N/A	N/A	N/A			
Instrument	Horiba APM	IA 360	Teledyne T200	Teledyne T400	GMW 1200 SSI			
manufacturer and								
model								
Method code	106		099	087	063			
FRM/FEM/ARM/	FRM		FRM	FEM	FRM			
other								
Collecting Agency	South Coast	AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD			
Analytical Lab (i.e.,	N/A		N/A	N/A	South Coast AQMD			
weigh lab, toxics lab,								
other)	9 1 9	4 O M M D	g 4 g 40) m	G 1 G 1 O D	G 1 G 1 O F			
Reporting Agency	South Coast AQMD		South Coast AQMD	South Coast AQMD	South Coast AQMD			
Spatial scale (e.g.	Neighborhood		Neighborhood	Neighborhood	Neighborhood			
micro, neighborhood)	11/00/2005		11/00/2005	11/00/2005	11/00/2005			
Monitoring start date	11/09/2005		11/09/2005	11/09/2005	11/09/2005			
(MM/DD/YYYY) Current sampling	1:1		1:1	1:1	1:6			
frequency (e.g.1:3,	1.1		1.1	1.1	1.0			
continuous)								
Calculated sampling	N/A		N/A	N/A	1:6			
frequency	11/21		11/11	11/11	1.0			
(e.g. 1:3/1:1)								
Sampling season	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31			
(MM/DD-MM/DD)	01/01 12/31							
Probe height (meters)	4.4		4.4	4.4	2.5			
Distance from	1.8		1.8	1.8	1.5			
supporting structure	*The roof its	self is the	*The roof itself is the	*The roof itself is the				
(meters)	supporting s		supporting structure.	supporting structure.				
Distance from	N/A	actuic.	N/A	N/A	N/A			
obstructions on roof	1 1/ 1/1		14/71	11/11	14/71			
(meters)								
(11101015)	I.		1	1	1			

Distance from	N/A	N/A	N/A	N/A
obstructions not on	IN/A	IN/A	IN/A	IN/A
roof (meters)				
Distance from trees	32 m West (Cypress)			
(meters)	Height 13.6 m	Height 13.6 m	Height 13.6 m	Height 13.6 m
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				- " - "
(meters)				
Distance between	N/A	N/A	N/A	2
collocated monitors				
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				
Probe material for	Teflon	Teflon	Teflon	N/A
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	7.9	13.2	8.6	N/A
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	N/A
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	Monthly
rate verification for				
manual PM samplers	NY/A	37/4	37/4	37/4
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
automated PM				
analyzers	Nichtle	Ni abili	Ni ahtly	N/A
Frequency of one- point QC check for	Nightly	Nightly	Nightly	IN/A
gaseous instruments				
Last Annual	10/27/2022	10/27/2022	10/27/2022	N/A
Performance	10/2//2022	10/21/2022	10/2//2022	11/71
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	07/27/2022
flow rate audits for			~ -	10/21/2022
PM monitors				
(MM/DD/YYYY,				
MM/DD/YYYY)				

Pollutant, POC	Continuous PM2.5, 3	24 Hour PM2.5, 1	Continuous PM10, 3	24 Hour PM2.5, 2
Primary / QA	Other	Primary	Primary	QA Collocated
Collocated / Other				
Parameter code	88101	88101	81102	88101
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest	Highest	Highest	Highest
•••	Concentration	Concentration	Concentration	Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	N/A	N/A	N/A	N/A
Instrument	Met One BAM 1020	Thermo 2025i PM2.5	Met One BAM 1020	Thermo 2025i PM2.5
manufacturer and		A Sampler		B Sampler
model				
Method code	170	145	122	145
FRM/FEM/ARM/	FEM	FRM	FEM	FRM
other				
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e.,	N/A	South Coast AQMD	N/A	South Coast AQMD
weigh lab, toxics lab,				
other)	g 1 g 1 0) (D	G 1 G 1 O 1 O	G 1 G 1 O F	G 1 G 1 O D
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	Neighborhood
micro, neighborhood)	11/00/2007	12/07/2005	02/00/2010	02/01/2012
Monitoring start date	11/09/2005	12/07/2005	03/08/2010	03/01/2012
(MM/DD/YYYY)	Continue	1.1	Continue	1.6
Current sampling frequency (e.g.1:3,	Continuous	1:1	Continuous	1:6
continuous)				
Calculated sampling	N/A	1:3	N/A	1:6
frequency	11/11	1.3	IV/A	1.0
(e.g. 1:3/1:1)				
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
(MM/DD-MM/DD)				
Probe height (meters)	4.5	4.7	4.4	4.7
Distance from	1.9	2.1	1.8	2.1
supporting structure				
(meters)				
Distance from	N/A	N/A	N/A	N/A
obstructions on roof				
(meters)				
Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)				
Distance from trees	32 m West (Cypress)			
(meters)	Height 13.6 m	Height 13.6 m	Height 13.6 m	Height 13.6 m
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)	2.0	2.0	2.0	2.0
Distance between	2.0	2.0	2.0	2.0
collocated monitors (meters)				
	2.500		1.00	360°
Unrestricted airflow	360°	360°	360°	1.360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	Yes	Yes	No	Yes
Frequency of flow rate verification for manual PM samplers	N/A	Bi-Weekly	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers	Monthly	N/A	Monthly	N/A
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	04/06/2022 10/21/2022	04/06/2022 10/21/2022	04/06/2022 10/21/2022	04/06/2022 10/21/2022

Pollutant, POC	PM10, 2	PM10, 4	
Primary / QA	Composite of POC 1	QA Collocated	
Collocated / Other	1		
Parameter code	81102	81102	
Basic monitoring	NAAQS	NAAQS	
objective(s)			
Site type(s)	Highest	Highest	
	Concentration	Concentration	
Monitor (type)	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	
Instrument	GMW 1200 SSI	GMW 1200 SSI	
manufacturer and			
model Mother desired	0.62	062	
Method code	063	063	
FRM/FEM/ARM/	FRM	FRM	
other Collecting Agency	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e.,	South Coast AQMD	South Coast AQMD	
weigh lab, toxics lab, other)			
Reporting Agency	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g.	Neighborhood	Neighborhood	
micro, neighborhood)	Neighborhood	Neighborhood	
Monitoring start date	11/09/2005	07/01/2014	
(MM/DD/YYYY)	11,00,2000	3.701/2011	
Current sampling	1:6	1:6	
frequency (e.g.1:3)			
Calculated sampling	1:3	1:6	
frequency			
(e.g. 1:3/1:1)			
Sampling season	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)			
Probe height (meters)	2.5	2.5	
Distance from	1.5 *The stand itself	1.5 *The stand itself	
supporting structure	is the supporting	is the supporting	
(meters)	structure.	structure.	
Distance from	N/A	N/A	
obstructions on roof			
(meters)	NT/A	NT/A	
Distance from	N/A	N/A	
obstructions not on roof (meters)			
Distance from trees	32 m West (Cypress)	32 m West (Cypress)	
(meters)	Height 13.6 m	Height 13.6 m	
Distance to furnace or	N/A	N/A	
incinerator flue	- "	- "	
(meters)			
Distance between	2.0	2.0	
collocated monitors			
(meters)			
Unrestricted airflow	360°	360°	
(degrees)			

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	
Residence time for reactive gases (seconds)	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	
Frequency of one- point QC check for gaseous instruments	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors	04/06/2022 10/21/2022	04/06/2022 10/21/2022	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	BP, 1	
Primary / QA	N/A	N/A	N/A	
Collocated / Other				
Parameter code	61101/61102	62201/62101	64101	
Basic monitoring	Research	Research	Research	
objective(s)				
Site type(s)	Meteorological	Meteorological	Meteorological	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument	RM Young 05305V	Rotronic HC2-S3	Met One 091	
manufacturer and				
model				
Method code	065/065	063/063	015	
FRM/FEM/ARM/	N/A	N/A	N/A	
other				
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e.,	N/A	N/A	N/A	
weigh lab, toxics lab,				
other)				
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	
micro, neighborhood)				
Monitoring start date	11/2005	11/2005	11/2005	
(MM/DD/YYYY)				
Current sampling	Continuous	Continuous	Continuous	
frequency (e.g.1:3)				
Calculated sampling	1:1	1:1	1:1	
frequency				
(e.g. 1:3/1:1)				
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)				
Probe height (meters)	10	9.0	2.5	
Distance from	10	9.0	.25	
supporting structure				
(meters)	27/1	27/1	2211	
Distance from	N/A	N/A	N/A	
obstructions on roof				
(meters)	27/4	27/4	27/4	
Distance from	N/A	N/A	N/A	
obstructions not on				
roof (meters) Distance from trees	36	36	36	
	30	30	30	
(meters) Distance to furnace or	N/A	N/A	N/A	
incinerator flue	IV/A	11/71	IV/A	
(meters)				
Distance between	N/A	N/A	N/A	
collocated monitors	11/17	11/1	11/13	
(meters)				
Unrestricted airflow	360°	360°	360°	
(degrees)	300	300		
(degrees)	1			

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	
Residence time for reactive gases (seconds)	N/A	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters	N/A	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	

Mira Loma (Van Buren) Site Photos



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

Mira Loma (Van Buren) Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.